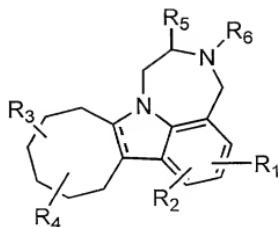


**What is Claimed:**

1. A compound of the formula:



5 wherein:

R<sub>1</sub> and R<sub>2</sub> are each independently selected from hydrogen, alkyl of 1-6 carbon atoms,

cycloalkyl of 3 to 7 carbon atoms, alkoxy of 1-6 carbon atoms, halogen, fluorinated alkyl of 1-6 carbon atoms, -CN, -NH-SO<sub>2</sub>-alkyl of 1-6 carbon atoms, -SO<sub>2</sub>-NH-alkyl of 1-6 carbon atoms, alkyl amide of 1-6 carbon atoms, amino, alkylamino of 1-6 carbon atoms, dialkylamino of 1-6 carbon atoms per alkyl moiety, fluorinated alkoxy of 1-6 carbon atoms, acyl of 2-7 carbon atoms, or aroyl;

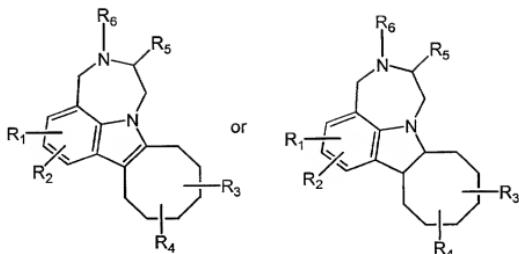
R<sub>3</sub>, R<sub>4</sub> are each independently hydrogen, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl or -CH<sub>2</sub>-C<sub>3</sub>-C<sub>7</sub> cycloalkyl;

15 R<sub>5</sub> is hydrogen or C<sub>1</sub>-C<sub>6</sub> alkyl;

R<sub>6</sub> is hydrogen or C<sub>1</sub>-C<sub>6</sub> alkyl; and

the dashed line indicates an optional double bond;  
or a pharmaceutically acceptable salt thereof.

20 2. A compound of Claim 1 of the formula:



wherein:

R<sub>1</sub> and R<sub>2</sub> are each independently selected from hydrogen, alkyl of 1-6 carbon atoms,

cycloalkyl of 3 to 7 carbon atoms, alkoxy of 1-6 carbon atoms, halogen, trifluoromethyl, -CN, amino, alkylamino of 1-6 carbon atoms, dialkylamino of 1-6 carbon atoms per alkyl moiety, or trifluoromethoxy;

R<sub>3</sub>, R<sub>4</sub> are each independently hydrogen or C<sub>1</sub>-C<sub>6</sub> alkyl;

$R_5$  is hydrogen or C<sub>1</sub>-C<sub>6</sub> alkyl;

R<sub>8</sub> is hydrogen or C<sub>1</sub>-C<sub>8</sub> alkyl;

10 or a pharmaceutically acceptable salt thereof.

3. A compound of Claim 2 wherein R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub>, R<sub>5</sub>, and R<sub>6</sub> are independently selected from H or alkyl of 1-6 carbon atoms, or a pharmaceutically acceptable salt thereof.

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4. A compound of Claim 1 which is 1,2,3,4,8,9,10,11,12,13-

Decahydrocycloocta[b][1,4]diazepino[6,7,1-hi]indole or a pharmaceutically acceptable salt thereof.

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5. A compound of Claim 1 which is 1,2,3,4,7b,8,9,10,11,12,13,13a-

Dodecahydrocycloocta[b][1,4]diazepino[6,7,1-h]indole or a pharmaceutically acceptable salt thereof.

6. A pharmaceutical composition comprising a pharmaceutically effective amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable carrier or excipient.

7. A pharmaceutical composition of Claim 6 comprising a pharmaceutically effective amount of 1,2,3,4,8,9,10,11,12,13-Decahydrocycloocta[b][1,4]diazepino[6,7,1-h]indole, or a pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable carrier or excipient.

8. A pharmaceutical composition of Claim 6 comprising a pharmaceutically effective amount of 1,2,3,4,7b,8,9,10,11,12,13,13a-Dodecahydrocycloocta[b][1,4]diazepino[6,7,1-h]indole, or a pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable carrier or excipient.

9. A method of treatment of obsessive-compulsive disorder in a mammal, the method comprising administering to a mammal in need thereof a pharmaceutically effective amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof.

10. A method of treatment of depression in a mammal, the method comprising administering to a mammal in need thereof a pharmaceutically effective amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof.

20 11. A method of treatment of anxiety in a mammal, the method comprising administering to a mammal in need thereof a pharmaceutically effective amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof.

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